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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/059,560	01/29/2002	James B. Klassen	P323659	7946
22931	7590	02/09/2004	EXAMINER	
HUGHES LAW FIRM, PLLC PACIFIC MERIDIAN PLAZA, SUITE 302 4164 MERIDIAN STREET BELLINGHAM, WA 98226-5583			TRIEU, THERESA	
			ART UNIT	PAPER NUMBER
			3748	

DATE MAILED: 02/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/059,560

Applicant(s)

KLASSEN, JAMES B.

Examiner

Theresa Trieu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☒ Claim(s) 1-37 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: ____.

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: “12 (see page 5, line 5), 40, 50, 52 (see page 6, line 24), 80 (see page 8, line 3), 18 (see page 5, line 28)”. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Objections

2. Claims 1, 9, 14, 19, 22-25 and 27 are objected to because of the following informalities:

- claims 1 and 19, page 16 and 20, line 28 and 16 respectively, “the and” should be deleted.

- claims 9 and 27, page 18 and 21, line 2, “nad” should be changed to --and--.

- claim 14, page 18, line 2, “identical” should be changed to --identical --.

- claims 22, 23, 24 and 25, page 21, line 1, “claim 18” should be changed to --claim 19--.

- claim 29, page 22, line 1, “retreiving” should be changed to --retrieving --.

Appropriate correction is required. Claims 2-8, 10-13, 15-18, 20-22, 26, 28 and 30-37 are objected to by virtue of their dependence on claims 1, 19 and 29 respectively.

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Allowable Subject Matter

Claims 1-37 would be allowable if rewritten or amended to overcome the objection, set forth in this Office action.

Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure and consists of six patents.

Wildhaber (Patent Number 3,236,186) discloses a positive displacement unit.

Wildhaber (Patent Number 3,856,440) discloses a rotor pair for positive fluid displacement.

Arnold (Patent Number 5,513,969) discloses a rotary piston machine having engaging cycloidal gears.

Johnson (Patent Number 5,704,767) discloses an integral pump and flow meter device.

Werner (Publication Number DT 3,221,994) discloses a rotary piston machine

Roseborough (Publication Number CA 2,069,607) discloses a spherical rotary pump capable of acting in reverse as motor –uses tow rotors within spherical housing to move working fluid near positive displacement.

Communication

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Theresa Trieu whose telephone number is 703-308-6434. The examiner can normally be reached on Monday-Thursday 7:30am- 6:00pm - Friday off.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas E Denion can be reached on 703-308-2623. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0861.



Theresa Trieu

Patent Examiner

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TT

February 7, 2004